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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/600,245 | 06/20/2003 | Sandeep Bhatia | 14532US01 | 5543 |

7590 12/19/2006
Christopher C. Winslade
McAndrews, Held & Malloy, LTD.
34th Floor
500 West Madison Street
Chicago, IL 60661

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| EXAMINER |
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VO, TUNG T

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| ART UNIT | PAPER NUMBER |
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2621

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS | 12/19/2006 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/600,245

Applicant(s)

BHATIA, SANDEEP

Examiner

Tung Vo

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2003, and 20 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Kono et al. (US 2001/0005398).

Re claims 1, 5, and 12, Kono discloses a system (fig. 6) for displaying images on a display, said system comprising:

a decoder (52 of fig. 6) for decoding encoded images and parameters associated with the images, thereby resulting in decoded images and decoder parameters associated with the decoded images;

image buffers (53 of fig. 6) for storing the decoded images;

a queue (57 of fig. 6) for storing indicators indicating images to be displayed; and

a display engine (55 of fig. 6) for presenting the images indicated by the queue for display.

Re claims 2, 6, and 13, Kono further discloses parameter buffers (53f-53h of fig. 6) for storing the decoded parameters associated with the images.

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Re claims 3, 7, and 14, Kono further discloses wherein the display engine (55 of fig. 6) presents the images indicated by the queue for display by receiving the decoded parameters and displaying the decoded images based on the decoded parameters (DISPLAY UNIT of fig. 6).

Re claim 4, Kono further discloses wherein the decoder comprises a first processor (54 of fig. 6) and the display engine comprises a second processor (DISPLAY UNIT of fig. 6).

Re claims 8-11, Kono discloses a circuit (fig. 6) for displaying images on a display, said circuit comprising:

- a first processor (52 of fig. 6);

- a first memory (54 of fig. 6, Note the decode control section holds the initial decode starting instruction and slice layer decode starting instruction, which is considered as a memory) operably coupled to the first processor, said first memory storing a plurality of instructions for execution by the first processor,

- wherein the plurality of executable instructions cause:

- decoding (63 of fig. 6) encoded images and parameters associated with the images,

- thereby resulting in decoded images and

- decoder parameters associated with the decoded images (71 of fig. 6);

- storing the decoded images (53a-53b of fig. 6);

- storing indicators indicating images to be displayed in a queue (57 of fig. 6); and

- a second processor (55 of fig. 6) operably coupled to the queue;

- a second memory (53f-53h of fig. 6) operably coupled to the second processor, said second memory storing a plurality of instructions for execution by the second processor (68 and 73 of fig. 6),

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wherein the plurality of executable instructions cause:

presenting the images indicated by the indicators for display (68, 74 of fig. 6);

wherein the instructions causing presenting the images further comprise instructions causing receiving the decoded parameters and displaying the decoded images based on the decoded parameters (DISPLAY UNIT of fig. 6).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Goto et al. (US 6,633,339) discloses a method and device for seamless decoding video stream including streams having different frame rates.


Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung Vo whose telephone number is 571-272-7340. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Tung Vo
Primary Examiner
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